

What is claimed is:

1. A conduit clamp for selectively restricting or closing the fluid path inside a hollow tube, said conduit clamp comprising:  
a two-piece construction having an upper member and a lower member releasably and pivotally connectable to each other for connection around the tube for movement between an open position and a closed position, said upper member having a laterally extending pin for disposition in a cam race formed on an interior surface of the lower member, wherein said cam race guides the extending pin during the movement between the open position and the closed position.
2. The conduit of claim 1, wherein the lower member has a U-shaped formation for providing a pathway for the tube.
3. The conduit clamp of claim 1, wherein each laterally extending pin is integrally connected to resilient legs extending from an upper portion of the upper member.
4. The conduit clamp of claim 3, wherein a rib connects the resilient legs together.
5. The conduit clamp of claim 1, wherein the upper member has a center projection for clamping the tube against the lower member.
6. The conduit clamp of claim 5, wherein the lower member has a U-shaped formation with a center inner floor portion and wherein the inner floor portion has a bump for cooperating with the center projection to close the fluid path of the tube.
7. The conduit clamp of claim 2, wherein the cam races in the interior surfaces of the lower member have a pin lock stop portion.

8. The conduit of claim 7, wherein the cam race on the interior surface of the lower member have a pin bottom stop portion and a pin return ramp portion.

9. The conduit clamp of claim 5, wherein the center projection is resilient.

10. The conduit clamp of claim 1, wherein the upper member has an upper surface with a depression therein for manual activation of the extending pins through the cam races.

11. The conduit clamp of claim 8, wherein the cam races have a generally triangular configuration and wherein the pin lock stop portion of the cam race is formed by a bump formation along a lower edge of the cam race.

12. The conduit clamp of claim 1, wherein the upper member has a pair of laterally spaced lobes and the lower member has a pair of laterally spaced apertures, wherein each laterally spaced aperture is positioned for receiving one of the laterally spaced lobes.

13. The conduit clamp of claim 12, wherein the lower member has an entry point and a shallow groove for facilitating the disposition of the lobe into the aperture.

14. The conduit of claim 9, wherein the center projection is connected to a C-spring.

15. A conduit clamp for selectively restricting or closing a fluid path inside a hollow tube, said conduit clamp comprising:

an upper member and a lower member pivotally connected together at one end; the upper member having resilient legs extending from an upper portion of the upper member, wherein each leg has a laterally extending pin end, the lower member having a cam race configured in lateral and opposing walls of the lower member for receiving the pin.

16. The conduit clamp of claim 15, wherein the cam race has a pin lock therein for maintaining the clamp in the closed position.

17. The conduit clamp of claim 16, wherein the cam race has at least one ratchet step for maintaining partial closure of the fluid path in the tube.

18. The conduit clamp of claim 16, wherein the pin lock includes a catch.

19. The conduit clamp of claim 12, wherein the upper member has an integrally formed spring member positioned adjacent to each lobe and formed to extend downwardly toward a bottom interior surface of the lower member, wherein said spring member biases the clamp to an open position.

20. The conduit clamp of claim 12, wherein each lobe has an annular groove thereon and a metal spring is wound around each lobe, said metal spring having a portion extending downwardly toward a bottom interior surface of the lower member, wherein said metal spring biases the clamp to an open position.